Claims

1. A navigation apparatus comprising:

an input unit that inputs an other vehicle search condition;

a current position acquisition unit that acquires a current position of own vehicle;

a reception unit that receives vehicle feature information and current position information transmitted from the other vehicle;

a control unit that performs other vehicle determination as to whether a search target other vehicle exists or not based on the other vehicle search condition set in the input unit, the current position information of the own vehicle acquired in the current position acquisition unit, and the current position information of the other vehicle received in the reception unit; and

a display unit that displays the vehicle feature information of the other vehicle when it is determined that the search target other vehicle exists in the other vehicle determination.

2. The navigation apparatus as set forth in claim 1, wherein the other vehicle search condition is the other vehicle existing within a predetermined distance range from the current position of the own vehicle.

3. A navigation apparatus comprising:

a route search unit that searches for a route to a destination;

a current position acquisition unit that acquires a current position of own vehicle;

a reception unit that receives vehicle feature information, current position information, and search route information transmitted from other vehicle;

a control unit that performs other vehicle determination as to whether other vehicle running on the same route as the own vehicle exists or not based on the search route information of the own vehicle searched in the route search unit, the current position information of the own vehicle acquired in the current position acquisition unit, and the search route information and the current position information of the other vehicle received in the reception unit; and

a display unit that displays the vehicle feature information of the other vehicle when it is determined that the other vehicle running on the same route as the own vehicle exists in the other vehicle determination.

4. The navigation apparatus as set forth in claim 3, wherein the control unit searches for the other vehicle existing within a predetermined distance range from the current position of the own vehicle in the other vehicle determination.

5. The navigation apparatus as set forth in claim 3 or 4, wherein when it is determined that the other vehicle running on the same route as the own vehicle exists in the other vehicle determination, the control unit calculates the distance between the other vehicle and the own vehicle and displays the distance on the display unit.

6. The navigation apparatus as set forth in any of claims 3 to 5, wherein

when it is determined that the other vehicle running on the same route as the own vehicle exists in the other vehicle determination, the control unit determines whether the other vehicle has the same search route information as the own vehicle or not; and

wherein when the control unit determines that the other vehicle has the same search route information, the control unit recognizes the other vehicle as a target vehicle.

7. The navigation apparatus as set forth in claim 6, wherein when the control unit determines that the other vehicle does not have the same search route information as the own vehicle, the control unit stores the distance to the other vehicle and calculates how many other vehicles exist between the own vehicle and the target vehicle for display.

8. The navigation apparatus as set forth in any of claims 1 to 7, wherein the vehicle feature information includes at least one of a vehicle color, a vehicle model, a vehicle size, a model year, and an exterior part.